

Postdoctoral Fellow position in Computational Fluid Dynamics and Aerosol Dynamics

Indian Institute of Technology Gandhinagar (IITGN) invites applications for a Postdoctoral Fellow position in Computational Biology for a research project funded by Indian Institute of Technology, Gandhinagar.

Job Description: The candidate will perform computational fluid dynamics simulations integrated with aerosol dynamics to investigate their transport and fates in indoor environments using platforms such as Fluent and COMSOL. The candidate will also have the opportunity to work on field campaigns to collect, process, and model air quality data.

Eligibility: Ph.D. in Environmental Science, Chemical Engineering, Energy Science, Civil Engineering, or allied subjects from reputed institute with good scientific publication record. Experience in computation fluid dynamics simulations in Fluent or COMSOL. Knowledge of aerosol science and general air quality concepts is preferred but not required to be considered for this position. Candidates who have submitted their thesis are equally eligible for the position. The candidate should be highly motivated and be able to work independently. Good communication skills, both in scientific writing as well as presentations are highly desirable.

Duration: Initial appointment is for 1 year, extendable up to 1 more year based on performance

Remuneration: 50,000 INR per month plus 10,000 INR HRA

Application Procedure: Candidates must [fill this online](#) form **AND** send the following documents **via e-mail** to Dr. Sameer Patel (sameer.patel@iitgn.ac.in). The documents must be sent as a **single pdf attachment** to the email:

1. Current CV with list of publications, technical and programming skills
2. A one-page summary of previous research/work experience and how it aligns with the eligibility criteria for the post-doc position.
3. A one-page write-up about why you want to take up this post-doc position
4. Names and email addresses of 2 potential referees.

The applications will continue to be screened until the position is filled. The applications received **before 20th February, 2021** will be given priority. Queries may be directed to Dr. Sameer Patel via email (sameer.patel@iitgn.ac.in).